*What is table:*

*Collection of rows & columns*

*Row: collection of columns value*

*Column: Attribute of table*

*Table: Student*

|  |  |  |  |
| --- | --- | --- | --- |
| *Name* | *Age* | *Gender* | *Address* |
| *N1* | *23* | *M* | *A1* |
| *N2* | *24* | *F* | *A2* |
| *N3* | *21* | *M* | *A3* |

*Tag: <table></table>*

*Basic program:*

*<html>*

*<head>*

*<title>table</title>*

*</head>*

*<body>*

*<table border=”1” style="border-collapse:collapse;">*

*<tr>*

*<th>Name</th><th>Age</th><th>Gender</th><th>Address</th>*

*</tr>*

*<tr>*

*<td>N1</td><td>23</td><td>M</td><td>A1</td></tr>*

*<tr><td>N2</td><td>24</td><td>F</td><td>A2</td></tr>*

*<tr><td>N3</td><td>21</td><td>M</td><td>A3</td></tr>*

*</table>*

*</body>*

*</html>*

*Colspan=”2”: it will merge two columns into a single column.*

*Rowspan=”2”: it will merge two rows into a single row.*

*Boder-style:dotted;.*

*This attribute used to change the style of the border.*

*Forms*

*From tag, Input types(text, password, radio, checkbox, submit), Labels, Fieldsets, Select & Option, Text Area.*

*From Tag Example:*

*<form>*

*Input types: text, password, radio, checkbox, submit.*

*<lable>*

*<fieldset>*

*<select> with<option>*

*<textarea>*

*Form creation:*

*<html>*

*<head>*

*<title>form</title>*

*<body>*

*<form>*

*<fieldset>*

*<legend>Form</legend>*

*<label>Username:</label><br>*

*<input type="text" placeholder="Enter your username"><br><br>*

*<label>Password:</label><br>*

*<input type="password" placeholder="Enter your password"><br><br>*

*<label>Hobbies:</label><br>*

*<input type="checkbox" value="Reading"> Reading<br>*

*<input type="checkbox" value="Playing"> Playing<br>*

*<input type="checkbox" value="Traveling"> Traveling<br><br>*

*<label>Gender</label><br>*

*<input type="radio" name="gender">Male<br>*

*<input type="radio" name="gender">Female<br><br>*

*<label>Comments</label><br>*

*<textarea rows="4" cols="50" placeholder="Enter your comments here"></textarea><br><br>*

*<label>Country:</label><br>*

*<select>*

*<option></option>*

*<option>India</option>*

*<option>USA</option>*

*<option>UK</option>*

*<option>Oman</option>*

*<option>Japan</option>*

*</select><br><br>*

*<center><input type="submit" value="Submit"><br></center>*

*</fieldset>*

*</form>*

*</body>*

*</html>*

*The semantic elements are as follows:*

* *<header>*
* *<nav>*
* *<section>*
* *<article>*
* *<aside>*
* *<footer>*

*<html>*

*<head>*

*<title>*

*My website*

*</title>*

*</head>*

*<body>*

*<main>*

*<center><header><h1>My Website</h1></header>*

*<nav>*

*<a href="#Home">Home</a>*

*<a href="#About Us">About Us</a>*

*<a href="#Contact Us">Contact Us</a>*

*</nav>*

*</center>*

*<section>*

*<h2>What is Html?</h2>*

*</section>*

*<article>*

*<section>*

*Html stands for hyperlink markup language.......*

*</section>*

*</article>*

*<aside>*

*<h3>Quick Link</h3>*

*<ul>*

*<li><a href="#">Html</a></li>*

*<li><a href="#">Css</a></li>*

*<li><a href="#">Java Script</a></li>*

*</ul>*

*</aside>*

*</main>*

*<center>*

*<footer>*

*<p>&copy;2025 My blog</p>*

*</footer>*

*</center>*

*</body>*

*</html>*